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**BOEING REALTY CORPORATION
FORMER C-6 FACILITY**

TECHNICAL MEMORANDUM - NO. 2

**PARCEL C DEMOLITION MONITORING
SOIL SAMPLING PROTOCOLS**

From: Ogden Environmental and Energy Services Co., Inc.

Date: 12/07/2000

Revision No. 1 - 12/15/00

This Technical Memorandum has been prepared to provide supplemental information to the *Site-Wide Soil and Waste Management Plan* prepared by Ogden Environmental and Energy Services Co., Inc. (Ogden) dated October 31, 2000. This supplemental information is for the collection of surface soil samples during demolition activities for laboratory analysis.

All general soil sampling procedures and protocols outlined in the *Sampling and Analysis Plan* (dated August 16, 2000) and *Addendum A, Sampling and Analysis Plan* (dated September 12, 2000), prepared by Kennedy/Jenks Consultants (KJC) should be followed.

Surface soil samples should be collected if:

1. Photoionization detector (PID) readings are elevated (over 10 parts per million by volume (ppmv)). These samples should be analyzed for volatile organic compounds (VOCs) via U.S. Environmental Protection Agency (EPA) Method 8260B and total petroleum hydrocarbons (TPH) via EPA Method 8015CC.
2. Soil is significantly stained a different color than the surrounding soil. These samples should be analyzed for VOCs via EPA Method 8260B, TPH via EPA Method 8015CC, and metals via EPA Method 6000/7000 series.
3. Equipment (hydraulic rams, buried clarifiers) or site use may be a source of contamination. These samples should be analyzed for VOCs via EPA Method 8260B, TPH via EPA Method 8015CC and metals via EPA Method 6000/7000 series unless site observations dictate otherwise.

All sample locations should be staked in the field, measured or surveyed for future reference, and recorded in the field log.

If soil is excavated during removal of a site structure that has elevated PID readings or significant staining, the soil should be stockpiled on and covered with visqueen in accordance with the *Site-Wide Soil and Waste Management Plan*. Soil samples should be collected from the base of the excavation where PID or visual indicators of impact are present and analyzed as discussed above. The extent and approximate volume of impacted soil removed should be noted in the field log.

Revision No. 1 – All samples shall be analyzed by the laboratory using a 5-day turn-around schedule unless otherwise directed. Results shall be submitted directly to Ogden and Kennedy/Jenks.